

## WEST

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L4: Entry 4 of 4

File: DWPI

May 20, 1998

DERWENT-ACC-NO: 1990-234338

DERWENT-WEEK: 199825

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TITLE: Novel liposome prepn. - by treating flavonoid with an alkaline soln. and formulated into liposomes

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
NIPPON OILS & FATS CO LTD	NIOF
RIKAGAKU KENKYUSHO CO LTD	RIKA

PRIORITY-DATA: 1988JP-0315080 (December 15, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2753719 B2	May 20, 1998		004	A61K035/78
JP 02160722 A	June 20, 1990		005	

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 2753719B2	December 15, 1988	1988JP-0315080	
JP 2753719B2		JP 2160722	Previous Publ.
JP02160722A	December 15, 1988	1988JP-0315080	

INT-CL (IPC): A61K 9/12; A61K 9/127; A61K 31/35; A61K 31/70; A61K 35/78

ABSTRACTED-PUB-NO: JP02160722A

## BASIC-ABSTRACT:

Liposome prepn. contg. flavonoid is new. Cholesterol is opt. compounded in the liposomes. Pref. flavonoid is treated with an alkaline soln. (pH to less than 10) and formulated into liposomes. Pref. examples of flavonoid are flavone (e.g., chrysin, toringin, apigenin), flavanone (e.g., naringenin) or isoflavone (e.g., genistein, genistin).

USE/ADVANTAGE - This is useful as platelet-anticoagulant, vasodilator, antihistamic, anti-inflammatory, antispasmodic and scavenger of free radicals.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: NOVEL LIPOSOME PREPARATION TREAT FLAVONOID ALKALINE SOLUTION FORMULATION

DERWENT-CLASS: B05

CPI-CODES: B06-A01; B12-D06; B12-D07; B12-E04; B12-F07; B12-H02; B12-M11F;

## CHEMICAL-CODES:

Chemical Indexing M2 \*01\*  
 Fragmentation Code  
 D013 D023 D120 F012 F013 F014 F015 F016 F123 G010

G013 G100 H4 H402 H403 H405 H423 H441 H442 H443  
H481 H521 H8 J5 J521 L814 L821 L831 M1 M113  
M126 M141 M280 M311 M320 M321 M342 M373 M391 M412  
M511 M520 M521 M531 M540 M781 M903 M904 N104 P420  
P432 P515 P528 P813 R033

Markush Compounds

199031-13101-U

Registry Numbers

1327U 0502U

Chemical Indexing M6 \*02\*

Fragmentation Code

M903 P420 P432 P515 P528 P813 R033 R112

Registry Numbers

1327U 0502U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-101237

# WEST Search History

DATE: Monday, September 23, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
L18	isoflavone same spirulina	4	L18
L17	isoflavone same alg\$3	17	L17
L16	alg\$3 same (genistein or daidzein)	1	L16
L15	spirulina and (genistein or daidzein)	3	L15
L14	spirulina same (genistein or daidzein)	2	L14
L13	isoflavone and liposome and alg\$3	9	L13
L12	isoflavone and liposome and alg\$3	0	L12
L11	l3 and alg\$3	5	L11
L10	l3 and cosmetic	28	L10
L9	L8 and (genistein or daidzein)	0	L9
L8	cosmetic with liposome	602	L8
L7	cosmetic same liposome	830	L7
L6	(genistein or daidzein) same spirulina	2	L6
L5	(genistein or daidzein) same phospholipid	3	L5
L4	(genistein or daidzein) same liposome	4	L4
L3	(genistein or daidzein) and liposome	204	L3
L2	isoflavone and liposome	77	L2
L1	cosmetic and lipsome	56	L1

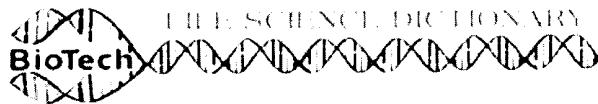
END OF SEARCH HISTORY

# WEST Search History

DATE: Monday, September 23, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
L24	topical and (skin or ag\$4) and spirulina and liposome	12	L24
L23	topical and (skin or ag\$4) and (genistein or daidzein) and liposome	126	L23
L22	l19 and l20	1	L22
L21	liposome and (l20 or l19)	138	L21
L20	topical and (skin or ag\$4) and (genistein or daidzein)	253	L20
L19	topical and (skin or ag\$4) and spirulina	41	L19
L18	isoflavone same spirulina	4	L18
L17	isoflavone same alg\$3	17	L17
L16	alg\$3 same (genistein or daidzein)	1	L16
L15	spirulina and (genistein or daidzein)	3	L15
L14	spirulina same (genistein or daidzein)	2	L14
L13	isoflavone and liposome and alg\$3	9	L13
L12	isoflavone and liposome and alg\$3	0	L12
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L6	(genistein or daidzein) same spirulina	2	L6
L5	(genistein or daidzein) same phospholipid	3	L5
L4	(genistein or daidzein) same liposome	4	L4
L3	(genistein or daidzein) and liposome	204	L3
L2	isoflavone and liposome	77	L2
L1	cosmetic and liposome	56	L1

END OF SEARCH HISTORY



# Search Results

Search for:

Contains this  Begins with this

Searching Category	User input query
Searched Word	liposome
Number of Results	1

## 1. 1. **liposome**

### Definition:

Small, artificially-created spheres whose walls are phospholipid bilayers. They are made by mixing dry phospholipids, such as egg yolk, in water. The lipid bilayer can fuse with the lipids in cell membranes, so liposomes hold much promise as agents for delivering drugs or other chemicals directly into cells.

END

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